## BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA



A1908004

Application of the Metro Gold Line Foothill
Extension Construction Authority for an order
authorizing construction of one light rail track at the
La Verne Station east pedestrian at-grade rail
crossing in the City of La Verne in Los Angeles
County, California.

Application	
11	

## APPLICATION SUBMITTED BY THE METRO GOLD LINE FOOTHILL EXTENSION

The Metro Gold Line Foothill Extension Construction Authority (Authority), acting for and on behalf of Los Angeles County Metropolitan Transportation Authority (LACMTA), files this application and respectfully requests authorization from the Public Utilities Commission of California (CPUC or Commission) to construct the La Verne Station east pedestrian at-grade crossing for one light rail track. The subject crossing is in the City of La Verne, Los Angeles County, California.

**CONSTRUCTION AUTHORITY** 

In support of its request, the Authority asserts:

### **I (Applicant Information)**

The Metro Gold Line Foothill Extension Construction Authority (Authority) was created by the legislature pursuant to Section 132400 et seq. of the Public Utilities Code of the State of California (PU Code) to award and oversee all design and construction contracts for completion of the Los Angeles - Pasadena Foothill Extension Gold Line light rail project extending from Union Station in the City of Los Angeles to Sierra Madre Villa (Madre Street) in the City of Pasadena (known as Phase I) and any mass transit guideway planned east of Sierra Madre Boulevard along the former Atchison Topeka and Santa Fe Railway right-of-way extending to the City of Montclair in the County of San Bernardino (known as Phase II).

The authority sought in this application is requested pursuant to Section 9.08 of the Commission General Order 143-B and is made in accordance with Rule 3.9 of the Commission's Rules of Practice and Procedure.

### II (Applicant Address)

Applicants' exact legal name is Metro Gold Line Foothill Extension Construction Authority with its principle place of business at:

406 East Huntington Drive, Suite 202 Monrovia, California 91016

### III (Correspondence)

Correspondence regarding this application should be addressed to:

Mr. Christopher Burner
Chief Project Officer
Metro Gold Line Foothill Extension Construction Authority
406 East Huntington Drive, Suite 202
Monrovia, CA 91016
626-305-7022

cburner@foothillgoldline.org

### IV (Crossing Ownership)

Pursuant to Sections 132425 and 132430 of the PU Code, LACMTA has transferred to the Authority all real and personal property, and other assets, as well as the unencumbered balance of all local funds accumulated for completion of the project. Phase I of the project extended from Union Station to Sierra Madre Villa and was turned back to LACMTA for operation in July 2003. Phase II, Segment A of the project extended from Sierra Madre Villa to Glendora was completed and turned back to LACMTA for operation in September 2015. Phase II, Segment B of the project extends from Glendora to Montclair and is currently under design.

The Authority owns the railroad right-of-way through the Trust Agreement between the LACMTA and the Authority and has the right to occupy and construct on the property, including the subject crossing within the railroad right-of-way formerly owned by the Atchison Topeka and Santa Fe (AT & SF) Railway, now known as the Pasadena and San Gabriel Subdivisions.

### V (Interested Parties)

The LACMTA was created by the legislature pursuant to Section 130050.2 of the PU Code to be the successor agency to the Southern California Rapid Transit District and the Los Angeles County Transportation Commission (LACTC), and which two agencies ceased to exist as of April 1, 1993.

Pursuant to Section 132400, et seq. of the PU Code, the Authority is proceeding with contracting for completion of the design and the construction of the 12.3-mile Phase II Segment B of the Metro Gold Line between the interim terminal station at Citrus Avenue and the eastern boundary of the City of Montclair in San Bernardino County. Upon completion of Phase II Segment B, LACMTA will maintain and operate the LRT system including the San Bernardino County segment.

During June 2018 through June 2019, several meetings and design reviews were conducted with interested parties, including members from LACMTA, City of La Verne, CPUC, and the Authority. The interested parties did not object to the application.

The Authority, LACMTA, City of La Verne and CPUC are considered interested parties for document service purposes.

### VI (Project Description)

The Metro Gold Line Foothill Extension Project Phase II is approximately 24 miles in length and constructed in two segments. This first segment, Segment A, continued the Metro Gold Line from East Pasadena for approximately 11.5 miles of double LRT tracks with six (6) stations located in the cities of Arcadia, Monrovia, Duarte, Irwindale, and Azusa, and a Maintenance Operations Campus in Monrovia within the County of Los Angeles. Segment A was completed and turned back to LACMTA for operation in September 2015.

The second segment, Segment B is currently under design and crossings are subject to this application. Segment B continues the Metro Gold Line from its current terminus in Azusa for approximately 12.3 miles of double LRT track with six (6) stations located in the cites of Glendora, San Dimas, La Verne, Pomona, and Claremont in the County of Los Angeles and City of Montclair in the County of San Bernardino. Segment B will also improve and relocate approximately 10.4 miles of FRT track and 1.9 miles of Southern California Regional Rail Authority (SCRRA) track to allow room for the LRT tracks.

East of Citrus Avenue, the right-of-way will continue as a shared corridor with both LRT and FRT operations utilizing their separate designated tracks. Continuing eastward, the existing FRT tracks will be relocated south within the ROW (right-of-way) to make room for the dual LRT tracks and one LRT station (Glendora) to the north half of the typical 100-foot ROW until Lone Hill Avenue. At Lone Hill Avenue LRT will be grade separated above the FRT tracks & roadway and FRT will continue at-grade but will be relocated and re-aligned south-to-north within the ROW to continue rail service for customers, typically one round-trip per day. The LRT will transition from north of the ROW to the south as well to service three LRT Stations (San Dimas, La Verne, and Pomona).

The LRT tracks remain south of FRT tracks within the railroad ROW to approximately Towne Avenue, where FRT transitions from north to south within the ROW to join the San Gabriel Subdivision west of Cambridge Avenue at approximate FRT MP 32.15. Within the San Gabriel Subdivision the exist SCRRA tracks will be relocated to the south of the ROW to make room for the dual LRT tracks and two LRT stations (Claremont and Montclair). The SCRRA commuter rail/freight tracks remain at-grade through the transition to end the project in Montclair.

LRT remains to the north of the typical 100-foot right of way until the terminus point in Montclair. The SCRRA commuter rail/freight tracks are separate and independent of the LRT system, except for the integrated gates and signals operations at the at-grade highway rail crossings.

Once the crossing is complete, LACMTA will operate on and maintain two LRT tracks. SCRRA will continue to maintain the FRT track and signal equipment for BNSF operations on the Pasadena Subdivision and two SCRRA main line tracks and signal equipment on the San Gabriel Subdivision until the terminus point of the Gold Line in Montclair. SCRRA commuter and FRT service continue easterly.

This application is for the construction of the La Verne Station east at-grade pedestrian crossing one LRT track of approximately 50 crossings of Segment B of the project. The additional crossings are subject of separate CPUC approvals. The construction of the project including the subject crossing is expected to begin during the year 2020, with revenue service projected in 2027.

### **VII (Crossing Descriptions)**

The Authority requests authorization to construct one at-grade pedestrian crossing in the City of La Verne, County of Los Angeles. The proposed CPUC identification numbers and crossing type are summarized in Table 1 below:

		Table 1 – Cro	ossing Subject to Approval
No.	Crossing	PUC Numbers	Proposed Modifications
1	La Verne Station	84P-33.23-D	Warning equipment: CPUC No 9 Ped Gate, CPUC No 8,
1	East Pedestrian	DOT 973530B	signage, swing gate and channelization

### La Verne Station East At-Grade Pedestrian Crossing

Pedestrians will access the east end of La Verne station through the proposed at-grade pedestrian crossing (84P -33.23-D) which crosses one LRT track (Track 1) to access the parking facility. The at-grade pedestrian crossing will include the standard pedestrian crossing safety treatments:

- 1. Commission Standard No. 9 automatic pedestrian gates with flashing lights, bells, and emergency swing gates;
- 2. Commission Standard No. 8 flasher directed towards the station platform;
- 3. Advance preemption for the at-grade crossing equipment;
- 4. Handrails and fencing to channelize pedestrians to the designated crossing;
- 5. Detectible warning strips, appropriate pavement and "wait here" striping;
- 6. Standard California Manual on Uniform Traffic Control Devices (CA-MUTCD) rail crossing signage, such as the "RAILROAD CROSSING" Cross-buck sign referred as R15-1, number of rail tracks sign referred to as R15-2;
- 7. "LOOK BOTH WAYS" signs referred to as standard W82-1 (CA) in the CA-MUTCD or active blank-out "LOOK BOTH WAYS" sign.

See Exhibit C drawings for details of pedestrian crossing equipment and signing.

### The Design-Build Contractor

The Authority will award a design-build contract to advance the design, construct the crossing and support the Authority with coordination among crossing stakeholders and CPUC as necessary. The design-builder must not compromise crossing safety of the designs documented in this application. The design-build contractor will advance designs following required standards and provide a compliance submission of 100% design level drawings to the stakeholders no later than 60 days prior to commencing crossing construction. The compliance submission will serve to ensure safety is not compromised, such that:

- Crossing gates, signs and other equipment locations may be adjusted, but cannot result in equipment removal or restrict visibility;
- Drainage, utilities, street grade, track profiles, alignment, and other preliminary designs
  provided in this application must be finalized to determine final locations for crossing
  and traffic equipment, and if additional safety measures are necessary;
- Width of crossing, crosswalks, sidewalks and similar features maybe adjusted, but cannot compromise the minimum width required by design criteria, CA-MUTCD, ADA or other requirements without prior approval;
- Additional safety enhancements such as additional signage, striping, etc. maybe considered;
- Landscaping, walls, fencing, channelization, and other features near crossing must not interfere with line of sight or result in other safety concerns;

No significant changes to the CPUC approved crossing designs can be made without securing CPUC staff approval. In the event the design-build contractor does not comply with the abovementioned bullets and significantly changes the crossing safety design approved by the CPUC, the design-build contractor must attain formal CPUC modification approval or reconstruct the crossing to meet CPUC approved plans.

### IX (Public Benefit)

As required by the CPUC Rules of Practice and Procedures 3.7c, the public will benefit from the delivery of supplementary public transportation by extending the Metro Gold Line Foothill Extension LRT from Azusa to Montclair, resulting in lower greenhouse gas effects and

reducing traffic congestion in the San Gabriel Valley and Inland Empire. The proposed crossing improvements, in connection with the LRT service, will increase safety and provide transportation benefits to system users.

### **X** (Grade Separation Practicability)

Grade separation is not practicable for the La Verne Station east pedestrian crossing due to clearance restrictions that would require significant property for grades and stairs that would not meet the American Disabilities Act (ADA) requirements and design criteria to safely cross the single LRT track. The property needed to support grade separation is unavailable in the right of way. Further, the at-grade pedestrian crossing is in the immediate proximity (less than 50 feet) to the existing streets, neighboring homes, and proposed parking lot that result in constraints and prevent grade separation.

The original Project attempted to design a large parking structure for the La Verne station that had the lowest parking level submerged to align with a grade separated pedestrian underpass for access to the station. Upon re-evaluation of the parking structure, the subterranean parking structure is no longer being considered. Instead, the at-grade east pedestrian crossing to the parking facility is being proposed. The proposed parking design does not feasibly allow for grade separated pedestrian crossing at the La Verne Station and the risk has been minimized for the proposed at-grade pedestrian crossing. The Authority did conduct a risk assessment of the at-grade pedestrian crossing as summarized below.

#### La Verne Station Risk Assessment

During the environmental process, the Authority studied modes of access to the proposed La Verne station and determined 39% of the total ridership at La Verne will use the east pedestrian crossing. To establish total pedestrians accessing the proposed east pedestrian crossing during peak hour, the total number of daily peak hour boardings and alightings were combined for the La Verne station. Using the FEIR model for peak boarding percentages and using 39% percent ridership to determine the east pedestrian crossing use, the peak result is 5.1 pedestrians per minute (between 5pm-6pm) as shown in Table 1 below.

Table 1. La Verne East Pedestrian Crossing Peak Hour Traffic					
Peak Hour (A)	Boardings (B)	Alightings (C)	Total Daily Boardings & Alightings (D) = (B) + (C)	East Crossing Total (E) = (39%) *(D)	East Crossing Pedestrians Per Minute (F) = (E)/60
6am-7am	188	149	337	131	2.2
7am-8am	333	246	579	226	3.8
8am-9am	313	265	578	225	3.8
3pm-4pm	285	288	573	223	3.7
4pm-5pm	305	364	669	261	4.3
5pm-6pm	329	449	778	303	<u>5.1</u>
6pm-7pm	251	437	688	268	4.5

The National Fire Protection Association (NFPA) 130 which is the standard for Fixed Guideway Transit and Passenger Rail Systems, uses a rate of 60 pedestrians per minute (for single leaf doors and gates) as the maximum means of egress capacity for platforms, corridors, ramps, doors, gates, and exit hatches. The proposed peak of 5.1 pedestrians per minute is significantly less than the 60 pedestrians per minute maximum capacity required by NFPA 130.

The east pedestrian crossing must be provided to allow for passenger emergency egress, ticket vending and criteria requirements. An at-grade crossing supports the Project's mission for safe and efficient access to the parking facility. The proposed at-grade pedestrian crossing is designed to traverse a single LRT track (track #1) and does not cross any FRT tracks, further reducing risk with oncoming trains. The east station platform ramp and at-grade pedestrian crossing is designed to be closer to the station to allow for better train visibility at the crossing for both normal and reverse running operations.

### XI (Authorization)

This application requests approval to construct the La Verne Station east at-grade pedestrian crossing (DOT 973530B) for access to the south parking, crossing one of the two LRT tracks. In general, the application request provides new station pedestrian crossing, therefore, authority sought in this application is requested pursuant to PU Code 99152 and is made in accordance with Rule 3.7 through 3.11 of the Commission's Rules of Practice and Procedure.

### XII (Environmental clearance)

In accordance with CPUC Rules of Practice and Procedure 3.9(a), the project's Final Environmental Impact Report (FEIR) for Segment A&B extension was certified in 2013. A copy of the letter of transmittal of the FEIR to the State and the Gold Line Foothill Extension Board of Director's certification of the FEIR is attached as Exhibit D.

A copy of the full FEIR, including addenda are also provided in attached the one (1) Archival Grade DVD, copies to six (6) CD-ROMs, and weblink attached as Exhibit D. In accordance CPUC Commission's Rules of Practice and Procedure Rule 1.9(d) of the, the Authority is issuing the Notice of Availability (NOA) for FEIR weblink, served on all parties listed on the official service lists. Alterations of the subject crossing requested herein are within the scope of the FEIR cited above. If there are changes to the FEIR, the revised requirements will be incorporated by an addendum.

### XIII (Exhibits)

The Following Exhibits are transmitted as required by the CPUC Rules of Practice and Procedures 3.7:

- Exhibit A: Vicinity map showing the crossings in relation to the existing roads
- Exhibit B: Aerial intersection map
- Exhibit C: La Verne Station East Pedestrian Crossing Drawings
- Exhibit D: The Final Environmental Impact Report (FEIR) legal description letter, FEIR copied to one (1) Archival Grade DVD and FEIR copied to six (6) CD-ROMs
- Exhibit E: The Scoping Memo Information for the Application.

### V (Order)

WHEREFORE, the Metro Gold Line Foothill Construction Authority respectfully requests that the California Public Utilities Commission (CPUC) issue an order authorizing:

- The Metro Gold Line Foothill Construction Authority (Authority) to construct the La
   Verne Station east pedestrian at-grade crossing for one Los Angeles County Metropolitan
   Transportation Authority (LACMTA) light rail transit (LRT) track.
- 2. The crossing shall have the configurations described and specified in this application and its attachments. The crossing shall be identified by the following CPUC and Department of Transportation (DOT) Crossing Numbers:

		Table 1 – Crossin	gs Subject to Approval
No.	Crossing	PUC Numbers	Proposed Equipment
1	La Verne Station	84P-33.23-D	• CPUC No 9 Ped Gate, CPUC No 8, signage,
1	East Pedestrian	DOT 973530B	swing gate and channelization

- 3. The Metro Gold Line Foothill Extension Construction Authority shall have its design-build contractor provide a compliance filing of 100% design level drawings for the at-grade crossings to the CPUC's Safety and Enforcement Division, Rail Crossings and Engineering Branch no later than 60 days prior to commencing construction. The compliance filing will serve to demonstrate conformance with the crossing designs approved in this Order.
- 4. Requests that the authorization shall be effective for five (5) years, unless time is extended.

Dated this 31st day of 7, 2019 at Monrovia, California by:

Mr. Christopher Burner

Chief Project Officer

Metro Gold Line Foothill Extension Construction Authority

406 East Huntington Drive, Suite 202

Monrovia, CA 91016

626-305-7022

cburner@foothillgoldline.org

### VI (Certificate of Service)

I, Christopher Burner, certify on behalf of Metro Gold Line Foothill Extension Construction Authority, that this application with attachments is served to the interested parties on the below service list by e-mail as specified by Rule 1.9 of the Commission's Rules of Practice and Procedure.

I declare, under penalty of perjury, that the foregoing is true and correct.

Dated this 31st day of 319, 2018 at Monrovia, California by.

Christopher Burner

Chief Project Officer

Shanna Foley	Christopher Burner
California Public Utilities Commission	Metro Gold Line Foothill Extension Construction Auth.
320 W. Fourth Street, Suite 500	406 East Huntington Drive, Suite 202
Los Angeles, CA 90013	Monrovia, CA 91016
Shanna.Foley@cpuc.ca.gov	cburner@foothillgoldline.org
Jonathan Hofert	Martin Mattes
Los Angeles County Metropolitan Transportation Auth.	Nossaman, LLP
One Gateway Plaza	50 California Street, 34 <sup>th</sup> Floor
Los Angeles, CA 90012-2952	San Francisco, CA 94111
HofertJ@metro.net	mmattes@nossaman.com
Antranig G. Garabetian	Dan Burcham
California Public Utilities Commission	California Public Utilities Commission
320 W. Fourth Street, Suite 500	320 W. Fourth Street, Suite 500
Los Angeles, CA 90013	Los Angeles, CA 90013
antranig.garabetian@cpuc.ca.gov	Dan.Burcham@cpuc.ca.gov
Roger Clugston	Michael Robertson
California Public Utilities Commission	California Public Utilities Commission
320 W. Fourth Street, Suite 500	320 W. Fourth Street, Suite 500
Los Angeles, CA 90013	Los Angeles, CA 90013
roger.clugston@cpuc.ca.gov	antranig.garabetian@cpuc.ca.gov

### VII (Verification)

I, Christopher Burner, an employee of applicant, Metro Gold Line Foothill Extension Construction Authority, and authorized to make this verification on its behalf. The statements in the foregoing document are true to my own knowledge, or believed, by myself, to be true.

I declare under penalty of perjury that the foregoing is true and correct.

Dated this 31 st day of July, 2019 at Monrovia, California by:

Mr. Christopher Burner

**Chief Project Officer** 

Metro Gold Line Foothill Extension Construction Authority

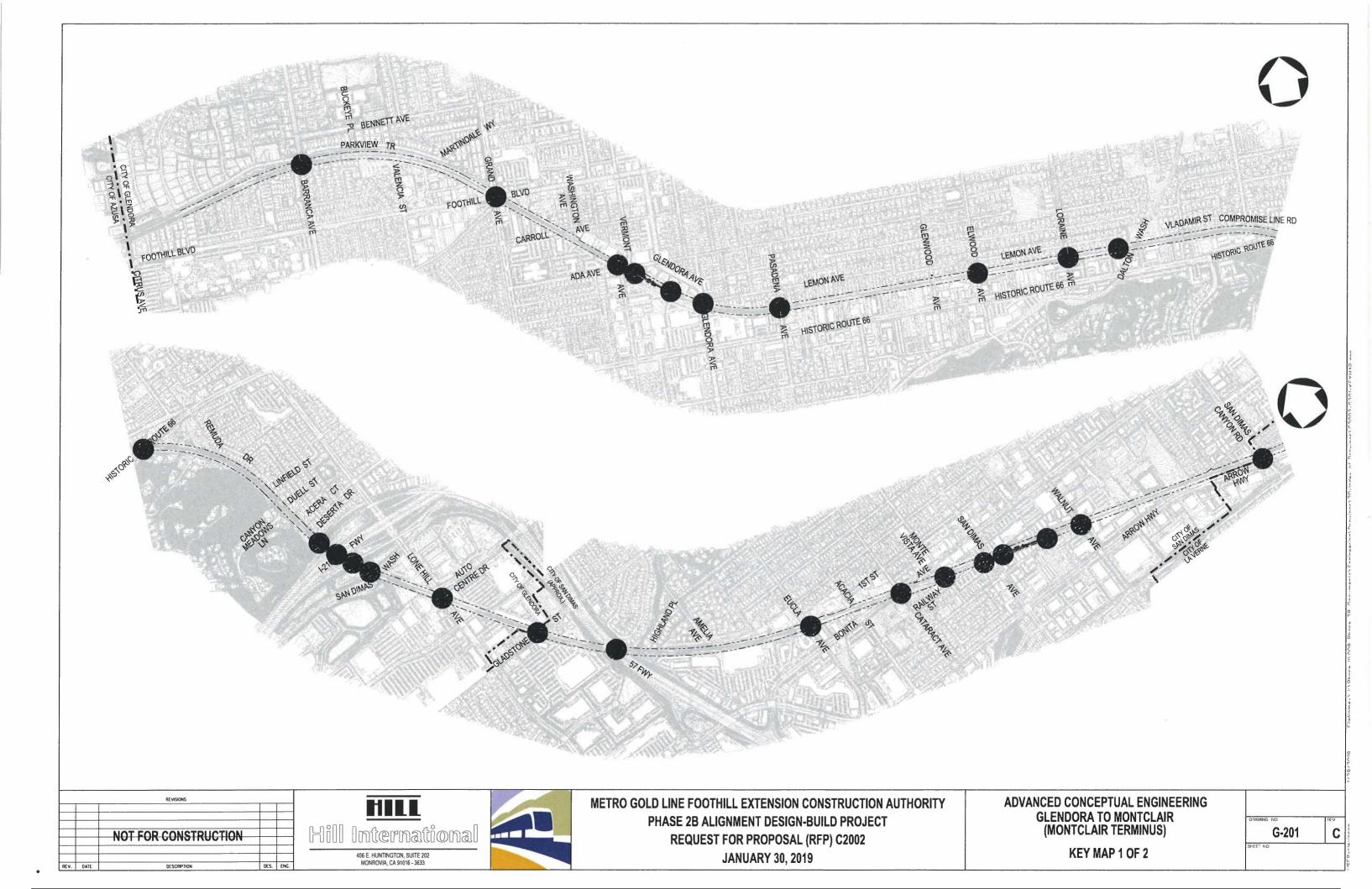
406 East Huntington Drive, Suite 202

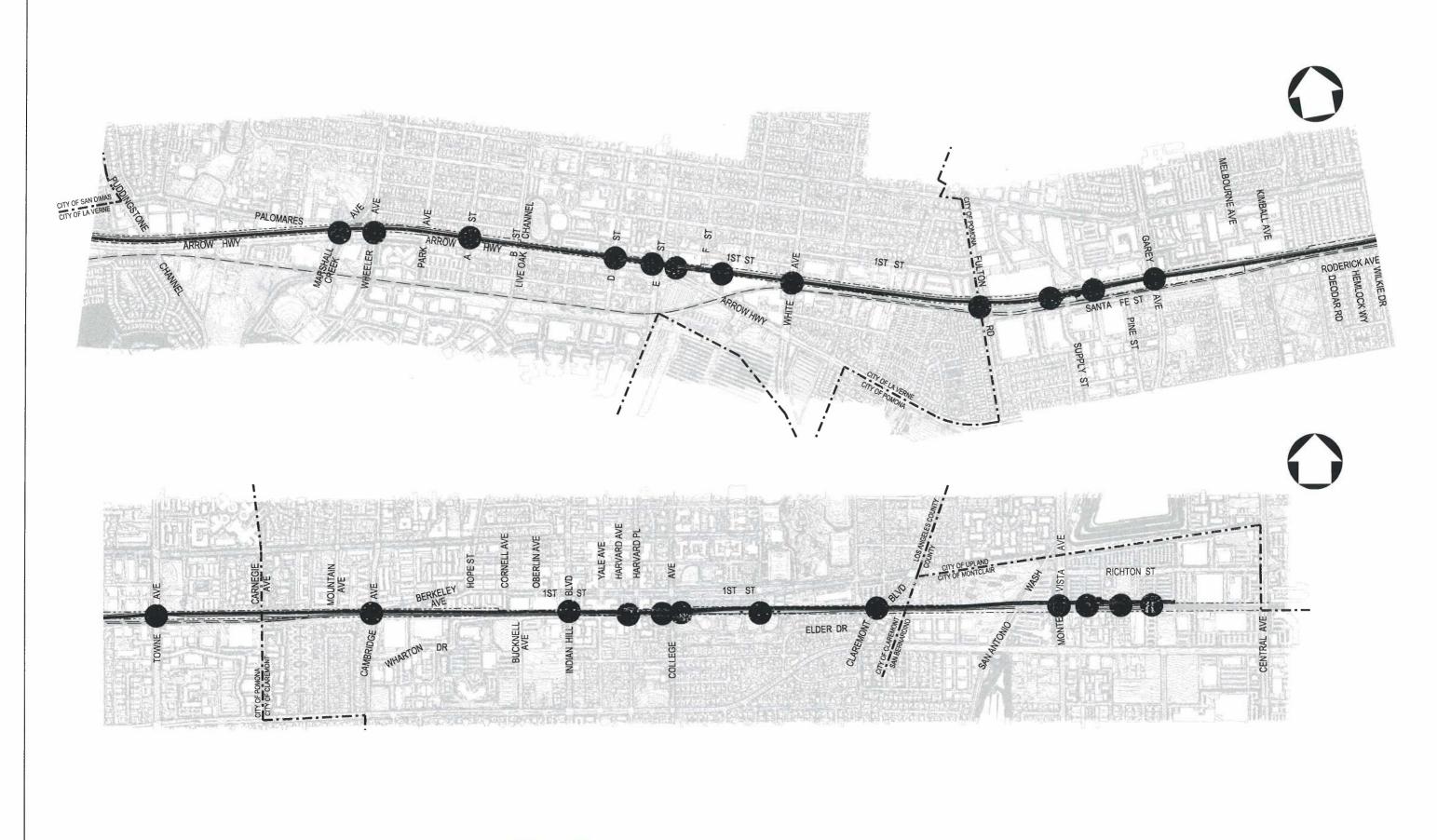
Monrovia, CA 91016

626-305-7022

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### Exhibit A: Vicinity Map





		REVISIONS		
_		NOT FOR CONSTRUCTION		
REV.	DATE	OE SCRIPTION	DES.	ENG.



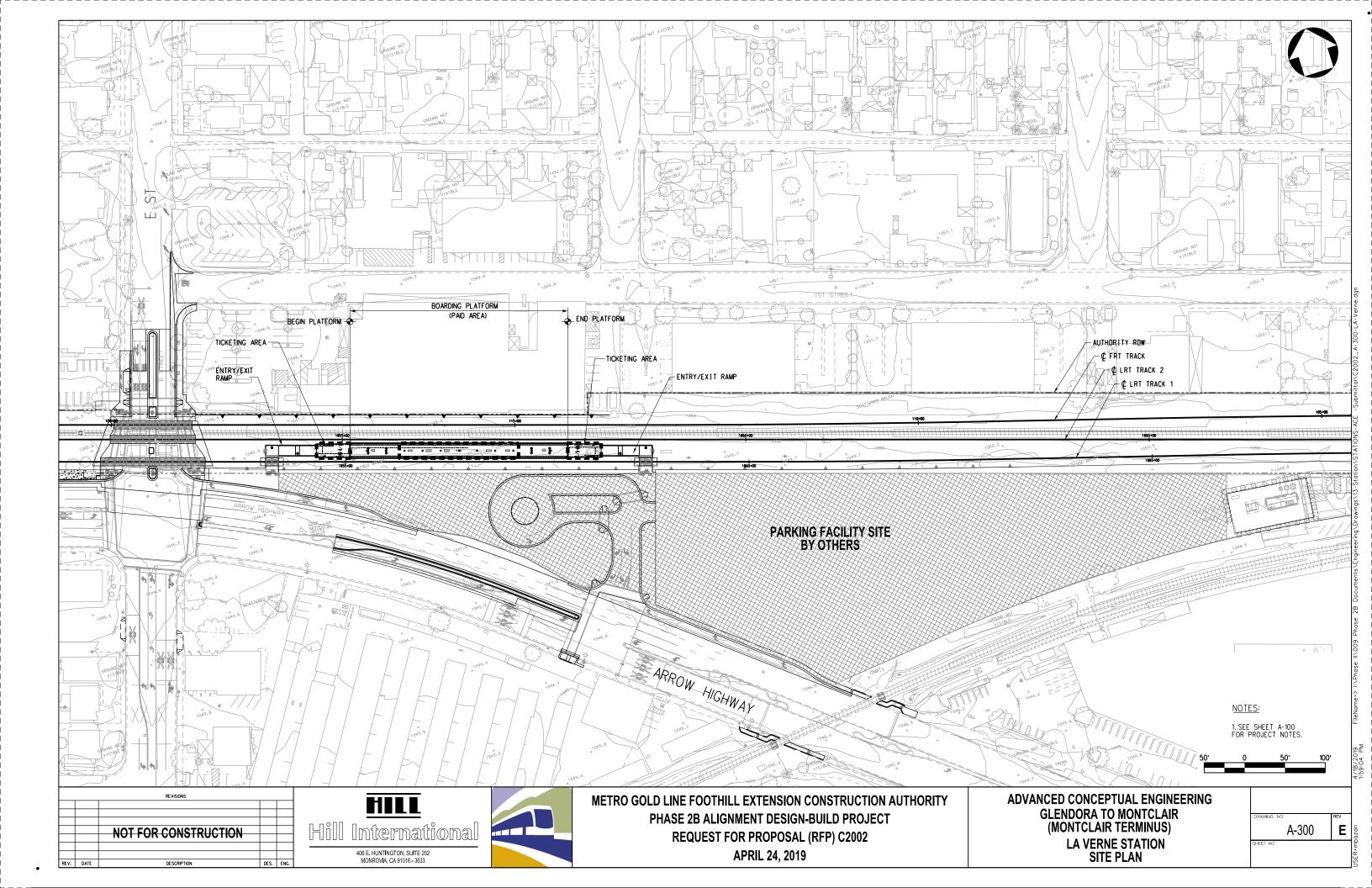


METRO GOLD LINE FOOTHILL EXTENSION CONSTRUCTION AUTHORITY
PHASE 2B ALIGNMENT DESIGN-BUILD PROJECT
REQUEST FOR PROPOSAL (RFP) C2002
JANUARY 30, 2019

ADVANCED CONCEPTUAL ENGINEERING
GLENDORA TO MONTCLAIR
(MONTCLAIR TERMINUS)
KEY MAP 2 OF 2

G-202 C

# **Exhibit B: Aerial Intersection Description Maps**



# Exhibit C: La Verne East Pedestrian Crossing Drawings

### **CONSTRUCTION NOTES**

### **GRADE CROSSINGS**

- CPUC STANDARD NO. 8 FLASHING LIGHT SIGNAL ASSEMBLY
- (2) CPUC STANDARD NO. 9 FLASHING LIGHT SIGNAL ASSEMBLY
- (3) CPUC STANDARD NO. 9 FLASHING LIGHT SIGNAL ASSEMBLY WITHOUT AUDIBLE DEVICE
- CPUC STANDARD NO. 9E FLASHING LIGHT SIGNAL
- CPUC STANDARD NO. 9A FLASHING LIGHT SIGNAL ASSEMBLY WITH OVERHEAD FLASHING LIGHT SIGNALS ON A CANTILEVERED MAST ARM WITH GATE
- 4' WIDE EMERGENCY SWING GATE
- (7)RAILROAD CONCRETE PANELS
- (8) TACTILE TILE
- 9 12" 'WAIT HERE' AREA STRIPING
- (10) DIRECTIONAL NOISE SHROUD
- (11)DIRECTIONAL TILE
- (12) **RAILING**
- (13) TRAFFIC LOOP
- (14)BALLAST #5
- (15) UNEVEN FINISH TEXTURE
- (16)RETAINING WALL
- (17) SOUNDWALL
- (18) FIRE HYDRANT
- (19) BOLLARD
- 20 LANDSCAPE AREA
- (21) DURA CURB (ON CURB)

### STREET IMPROVEMENTS

- INSTALL RAISED MEDIAN
- CURB AND GUTTER
- (33) CURB AND GUTTER (MEDIAN)
- 34) CURB ONLY
- (35) CONCRETE CURB AND GUTTER W=XX AND CF=XX PER PLAN
- (36) CROSS AND LONGITUDINAL GUTTERS
- (37) CONCRETE SIDEWALK
- (38) STAMPED CONCRETE
- (39) **CURB RAMP**
- (40) DRIVEWAY
- PORTLAND CEMENT CONCRETE PAVEMENT
- (42) ASPHALT CONCRETE PAVEMENT ON BASE
- 43 AGGREGATE BASE
- (44) AC MILL AND OVERLAY
- PROTECT IN PLACE

### SIGNING AND STRIPING

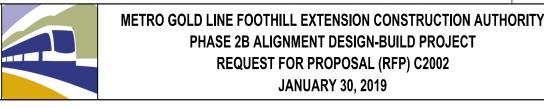
- EXISTING TO REMAIN
- (54) INSTALL SIGN ON EXISTING SIGN POST
- (55) PAINTED RED CURB
- (56) INSTALL SIGN AND POST
- (57) INSTALL SIGN ON POLE
- (58) INSTALL RAILROAD CROSSING SYMBOL
- (59) INSTALL PAVEMENT MARKING PER CALTRANS STANDARD PLANS A24C, A24D AND A24E
- 60) PAINT MEDIAN NOSE - YELLOW
- (61) INSTALL 24" LIMIT LINE
- (62) **INSTALL YIELD LINE**
- 63) INSTALL 12" WHITE CHEVRON STRIPE
- 64) INSTALL 12" SOLID YELLOW STRIPE PER CALTRANS /CITY STANDARD PLANS
- 65) INSTALL 4" SOLID WHITE STRIPE PER CALTRANS STANDARD PLANS
- 66) INSTALL 12" SOLID WHITE LINE PER CALTRANS STANDARD PLANS
- 67) INSTALL TYPE I ARROW PER CALTRANS STANDARD PLANS
- (68) INSTALL TYPE IV (L) OR (R) ARROWS PER CALTRANS STADNARD PLANS
- INSTALL TYPE VI (L) OR (R) ARROWS PER CALTRANS STANDARD PLANS
- INSTALL TYPE VII (L) OR (R) ARROWS PER CALTRANS STANDARD PLANS
- (71)INSTALL STRIPE PER CALTRANS STANDARD PLANS A20A DETAIL 5
- (72)INSTALL STRIPE PER CALTRANS STANDARD PLANS A20A DETAIL 8
- (73) INSTALL STRIPE PER CALTRANS STANDARD PLANS A20A DETAIL 12
- (74)INSTALL STRIPE PER CALTRANS STANDARD PLANS A20B DETAIL 28
- (75) INSTALL STRIPE PER CALTRANS STANDARD PLANS A20A DETAIL 22
- (76)INSTALL STRIPE PER CALTRANS STANDARD PLANS A20B DETAIL 29
- (77) INSTALL STRIPE PER CALTRANS STANDARD PLANS A20B DETAIL 32
- (78) INSTALL STRIPE PER CALTRANS STANDARD PLANS A20D DETAIL 38
- (79) INSTALL STRIPE PER CALTRANS STANDARD PLANS A20D DETAIL 38B
- (80) INSTALL STRIPE PER CALTRANS STANDARD PLANS A20B DETAIL 25A OR DETAIL 26
- (81) INSTALL STRIPE PER CALTRANS STANDARD PLANS A20B DETAIL 27B
- (82) INSTALL STRIPE PER CALTRANS STANDARD PLANS A20D DETAIL 40
- (83) INSTALL STRIPE PER CALTRANS STANDARD PLANS A20A DETAIL 9
- INSTALL STRIPE PER CALTRANS STANDARD PLANS A20D DETAIL 39 OR DETAIL 39A
- (85) INSTALL STRIPE PER CALTRANS STANDARD PLANS A20C DETAIL 37B

### REMOVAL NOTES:

52 REMOVE CONFLICTING STRIPING AND RAISED PAVEMENT MARKERS BY WET SANDBLASTING

### STREET SIGNS

- RAILROAD CROSSING (W10-1)
- (A1)RAILROAD CROSSBUCK (R15-1)
- (B1) RAILROAD NUMBER OF TRACKS (W48 (CA))
- (B2) RAILROAD NUMBER OF TRACKS (R15-2P)
- (C) TRACK CROSSING AT INTERSECTION (W10-2R)
- (D) TRACK CROSSING AT INTERSECTION (W10-2L)
- (E) TRACK CROSSING AT "T" INTERSECTION (W10-4L)
- (F) TRACK CROSSING AT "T" INTERSECTION (W10-4R)
- **G** THRU TRAFFIC MERGE LEFT (W4-7)
- (H)TYPE K REFLECTIVE OBJECT MARKER
- (i)TYPE N (CA) OBJECT MARKER



NO TURN ON RED (R10-11) NO TURN ON RED (R13A (CA)) NO U TURN (R3-4) NO PARKING ANYTIME (R26A (CA)) (N)DO NOT STOP ON TRACKS (R8-8) STOP HERE ON RED (R10-6 (L) OR (R) (P)KEEP RIGHT (R4-7)  $(\tilde{Q})$ ONE WAY (R6-1R OR R6-1L) RIGHT TURN ONLY (R3-5R) LEFT TURN ONLY (R3-5L)

STOP (R1-1) YIELD (R1-2)

NO LEFT TURN (R3-2)

WRONG WAY (R5-1A) (X)

DO NOT ENTER (R5-1)

PEDESTRIAN CROSSING (W11-2) NO PEDESTRIAN CROSSING (R9-3A)

USE CROSSWALK (R9-3bP (LT)) (AB) USE CROSSWALK (R9-3bP (RT))

(AC) LEFT ONLY, LEFT ONLY, RIGHT ONLY (R61-13 (CA) )

LEFT ONLY, THROUGH, RIGHT ONLY (R3-8b)

(AE) BLANKOUT SIGN (R3-1) (NO RIGHT)

(AF) BLANKOUT SIGN (R3-2) (NO LEFT) LEFT ONLY, THROUGH RIGHT (R61-5 (CA))

AG AH THROUGH LEFT, RIGHT ONLY (R61-7)

 $(\widetilde{AJ})$ LEFT ONLY, RIGHT ONLY (RE61-19 (CA))

LEFT ONLY, THROUGH LEFT, RIGHT ONLY (R3-18)

(AL) (AM) ONE WAY (R6-2)

ROUND ABOUT (R6-5P)

(AN) RIGHT LANE ENDS (W9-1) (AO)AHEAD (W16-9P)

RIGHT LANE MUST TURN RIGHT (R3-7)

(AP) (AQ) NO PARKING ANY TIME (R28 (S) (CA)

TRUCK ROUTE (R14-1) (AS) OBJECT MARKER (OM4-1)

MERGE LANE SIGN (W4-1)

(AU) TAPER LANE (W4-2) DEAD END SIGN (W14-1)

END SIGN (W31 (CA))

REPORT EMERGENCY OR PROBLEM (I-13) (AY) SPEED LIMIT XX (R2-1)

 $\overline{AZ}$ NO LEFT OR U-TURN (R3-18)

LEFT ONLY, LEFT ONLY, THROUGH, THROUGH (R3-8 (MOD) THROUGH, THROUGH, RIGHT ONLY (R3-8 (MOD))

(BC) LEFT ONLY, THROUGH, THROUGH, RIGHT ONLY (R3-8 (MOD)

(BD) BEGIN ONE WAY (R6-6)

(BE) (BF) USE PED SIGNAL (R9-5)

BIKE LANE (R81 (CA)) (BG)

SIDEWALK CLOSED CROSS HERE (R9-11a (L) OR (R))

(BH) THRU TRAFFIC MERGE LEFT (W74 (CA)) (BI) NO RIGHT TURN (R3-1)

(BJ) LEFT ONLY, LEFT ONLY, THROUGH, THROUGH RIGHT (R3-8 (MOD))

SIGNAL AHEAD (W3-3)

ADVANCED CONCEPTUAL ENGINEERING **GLENDORA TO MONTCLAIR** (POMONA TERMINUS) **GRADE CROSSING CONSTRUCTION NOTES** 

**GXR-001** 

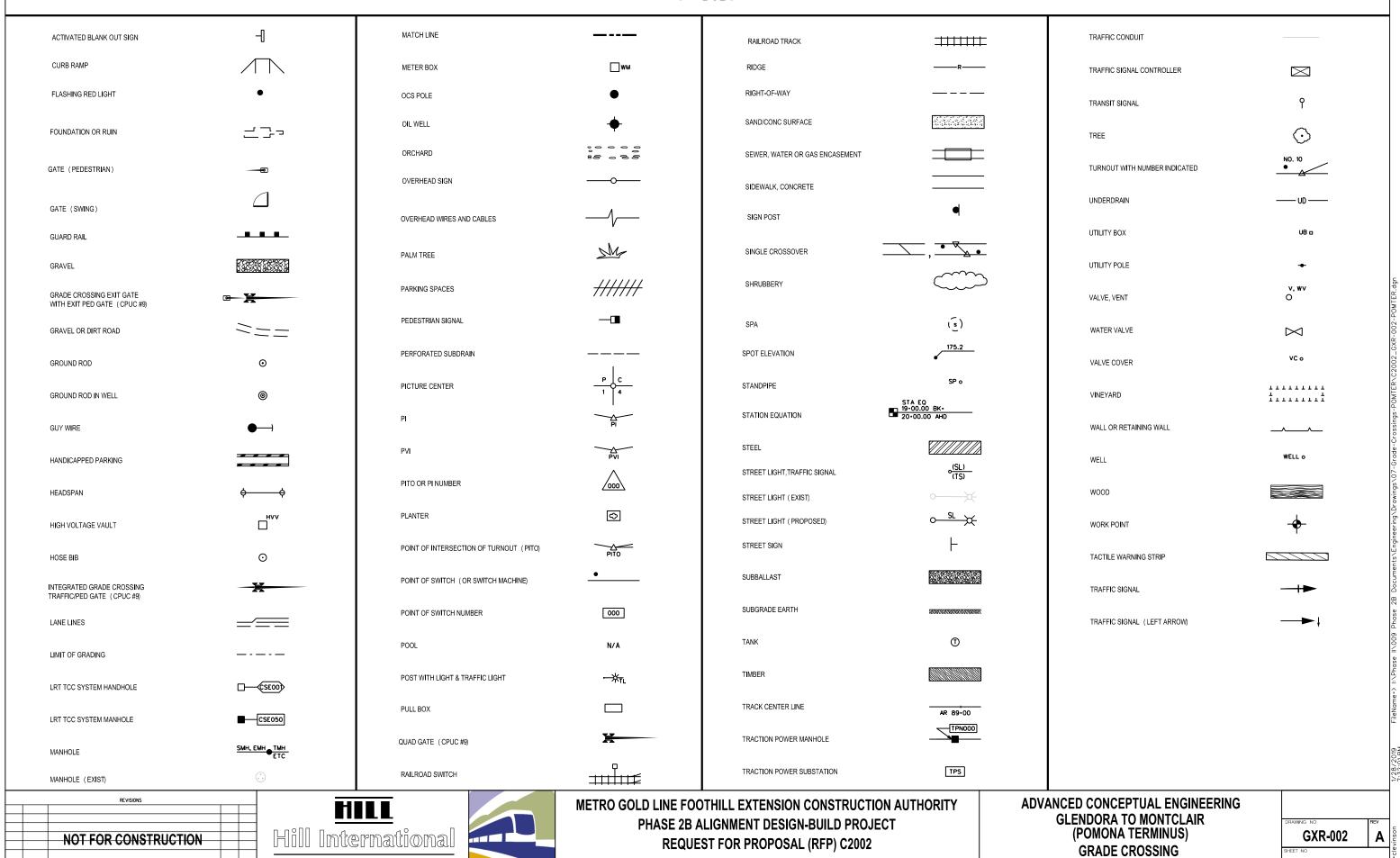
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**NOT FOR CONSTRUCTION** DES ENG DESCRIPTION

REVISIONS



### SYMBOLS



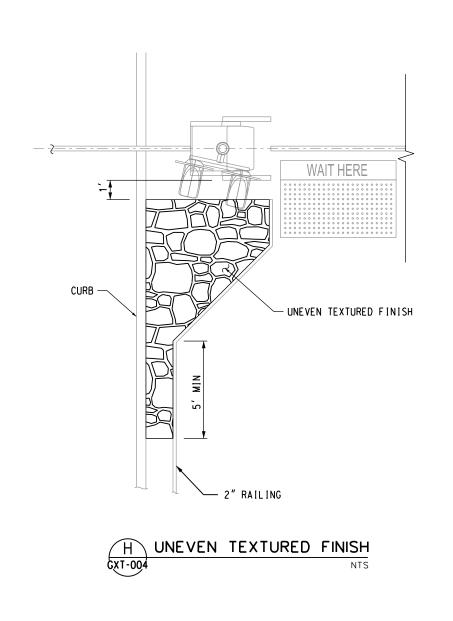
**JANUARY 30, 2019** 

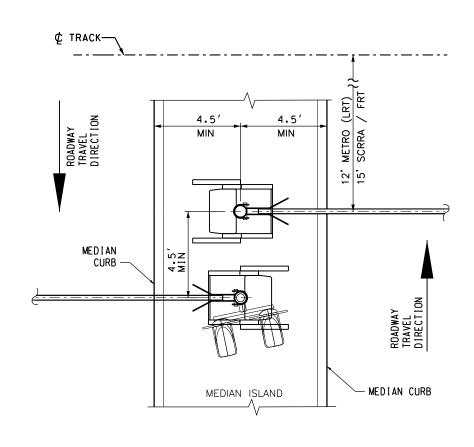
**ABBREVIATIONS & SYMBOLS** 

406 E. HUNTINGTON, SUITE 202

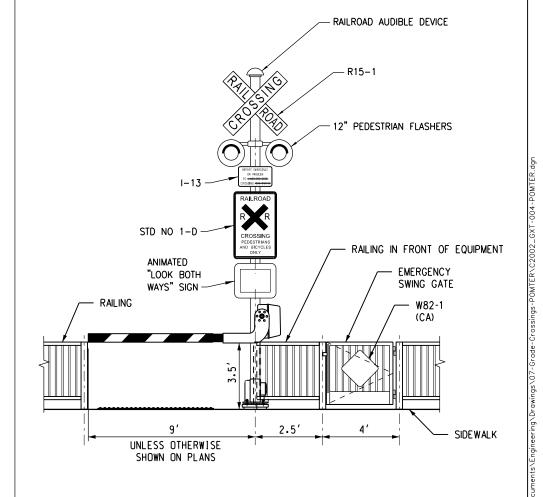
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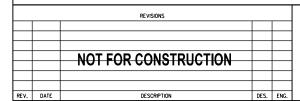




STACKED MEDIAN MOUNTED CPUC STANDARD NO. 9 GATES







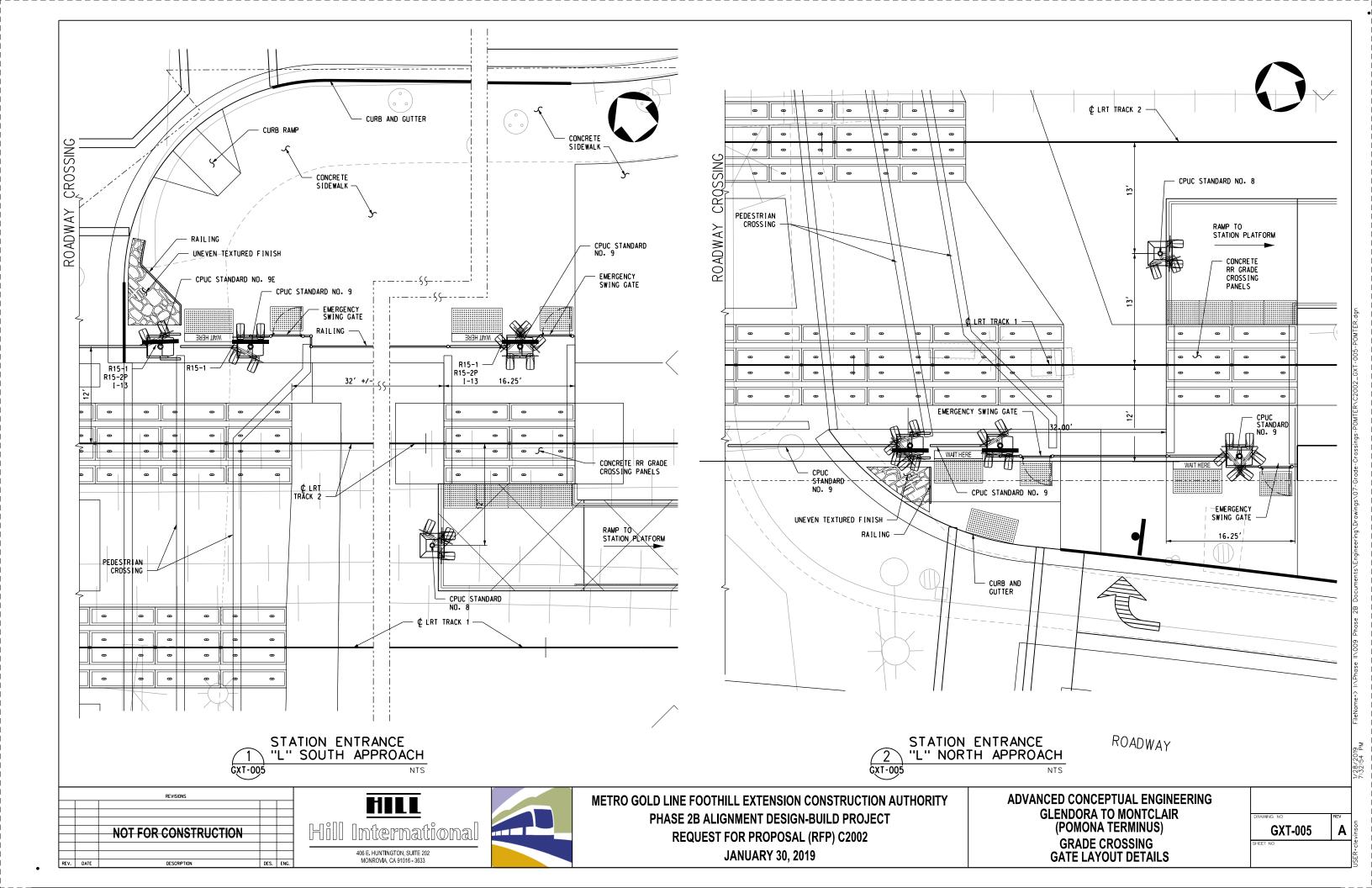


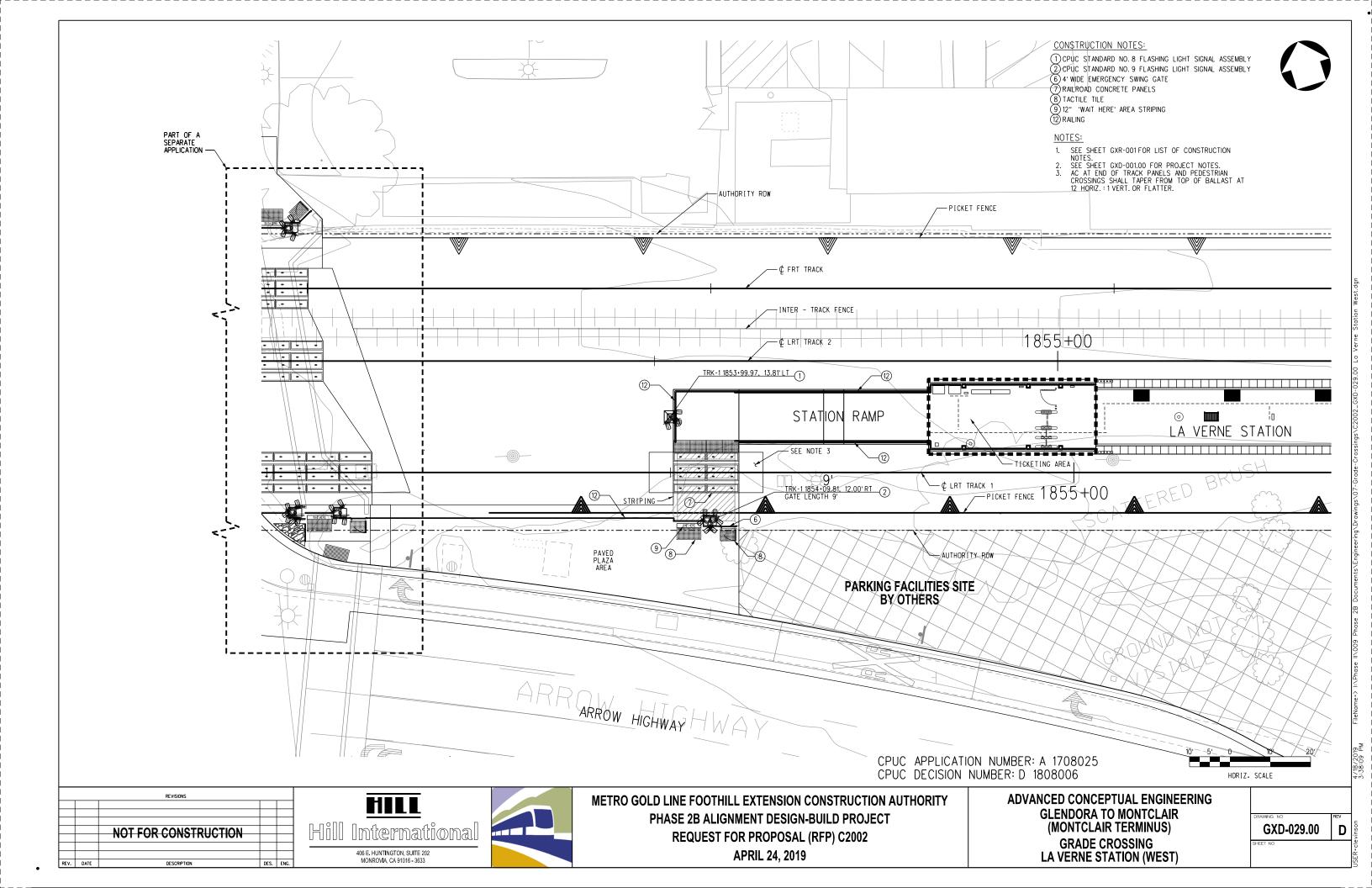


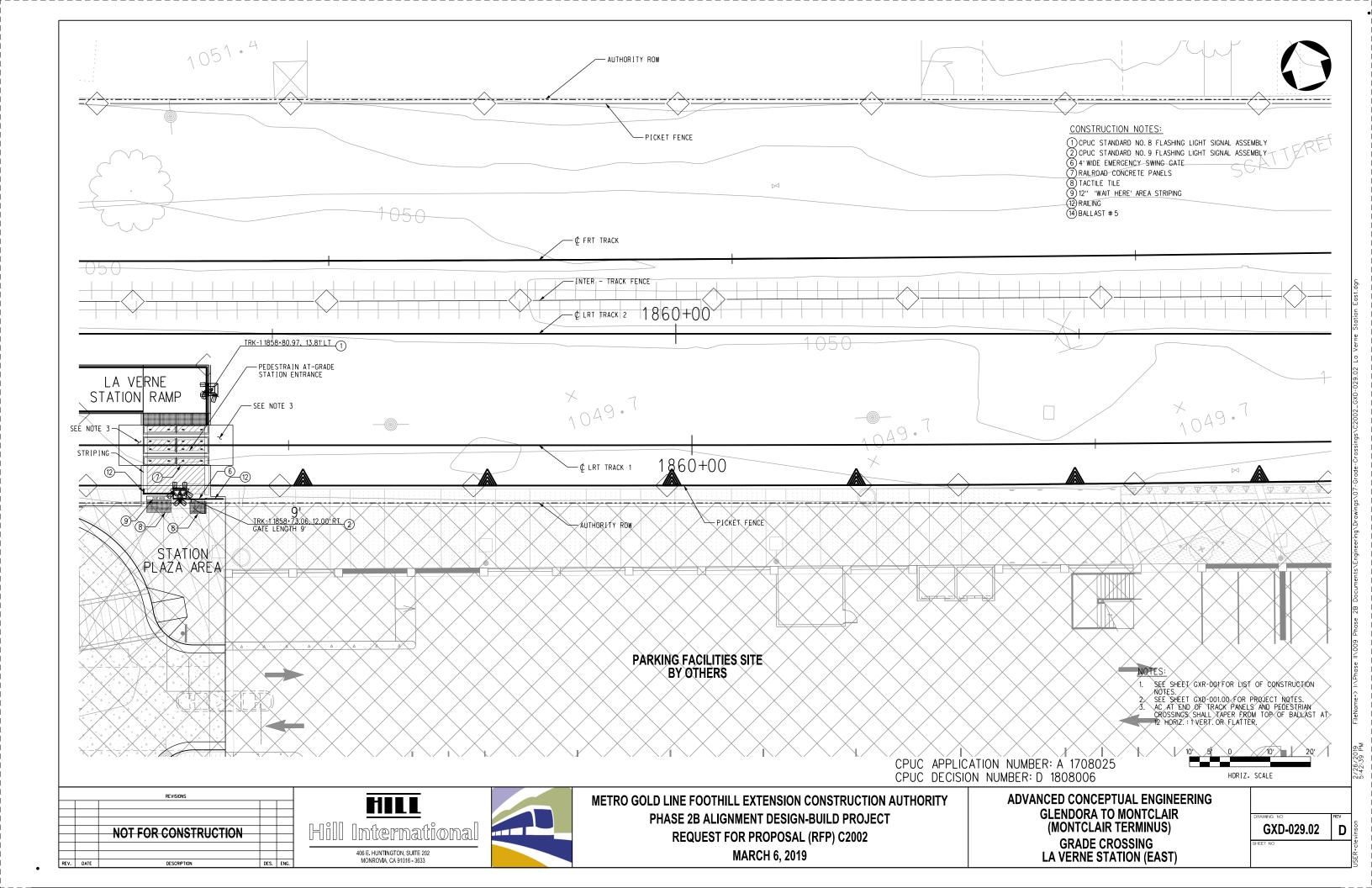
METRO GOLD LINE FOOTHILL EXTENSION CONSTRUCTION AUTHORITY
PHASE 2B ALIGNMENT DESIGN-BUILD PROJECT
REQUEST FOR PROPOSAL (RFP) C2002
JANUARY 30, 2019

ADVANCED CONCEPTUAL ENGINEERING
GLENDORA TO MONTCLAIR
(POMONA TERMINUS)
GRADE CROSSING
TYPICAL GATE DETAILS, SHEET 2

GXT-004 A







### **Exhibit D:**

# The Final Environmental Impact Report (FEIR) legal description (FEIR SCH# 200361157)

Due to the size of this report, the FEIR is submitted in the format of plastic discs.

The format of the <u>original</u> FEIR report on disc is an Archival-Grade DVD.

The format of FEIR copies thereof are included in six (6) CD-ROMs.

The FEIR discs are separately presented for filing in individual manila envelopes along with reference to the application.

### **NOTICE OF AVAILABILITY**

# FINAL ENVIRONMENTAL IMPACT REPORT (FEIR) FOR METRO GOLD LINE FOOTHILL EXTENSION (FOOTHILL GOLD LINE) PHASE 2B (GLENDORA TO MONTCLAIR) PROJECT

In support of this Application, the Metro Gold Line Foothill Extension Construction Authority (Authority) submitted the Final Environmental Impact Report (FEIR) for the Metro Gold Line Foothill Extension Phase 2B Project (Project) on an archival DVD and six copies on standard CD-ROM to the CPUC Docket Office for physical filing as Exhibit H to the Application.

Pursuant to Rule 1.9(d) of the CPUC Commission's Rules of Practice and Procedure, the Authority is issuing this Notice of Availability (NOA). The NOA is being served on all parties listed on the official service lists for this application; see the accompanying Certificate of Service.

The FEIR Exhibit D to the Application is available at the following URLs:

https://foothillgoldline.org/construction\_phases/glendora\_to\_montclair/

<u>https://foothillgoldline.org/construction\_phases/glendora\_to\_montclair/metro-gold-line-foothill-extension-azusa-to-montclair-draft-environmental-impact-report/</u>

#### NOTICE OF DETERMINATION

To: X Office of Planning and Research
1400 Tenth Street, Room 113
Sacramento, CA 95814

From: Metro Gold Line Foothill Extension Construction Authority 406 E. Huntington Drive, Suite 202
Monrovia, CA 91016-3633

13 ChIEF EXECUTIVE OFFICER

ORIGINAL FILED

X County Clerk
County of Los Angeles
12400 E. Imperial Highway # 201
Norwalk, CA 90650

County of San Bernardino
Hall of Records Building, First Floor
222 W. Hospitality Lane
San Bernardino, CA 92415-0022

MAR 0 7 2013

LOS ANGELES, COUNTY CLERK

Filing of Notice of Determination in compliance with Section 21108 or 21152 of the Public Resources Code 2010121069 State Clearinghouse Number (if submitted to State Clearinghouse) Metro Gold Line Foothill Extension - Azusa to Montclair Project Title (626) 305-7004 Lisa Levy Buch Area Code/Telephone/Extension Lead Agency Contact Person Project Location (include county): The project would provide Light Rail Transit (LRT) service from the City of Azusa in Los Angeles County to the City of Montclair in San Bernardino County. Project Description: The Metro Gold Line light rail transit (LRT) system currently extends from Los Angeles to Pasadena serving cities and communities along the alignment corridor. The Metro Gold Line Foothill Extension is a phased project that extends the existing Metro Gold Line by 24 miles to the east, from the City of Pasadena to the City of Montelair. The extension is proceeding in two phases. Construction of the first phase from the Pasadena Sierra Madre Villa Station to the Azusa-Citrus Station began in late 2011, and construction is anticipated to be completed in late 2015. The proposed project, known as the Metro Gold Line Foothill Extension from Azusa to Montclair is the next phase of this planned extension. It would extend the Metro Gold Line alignment 12.3 miles to the east and include six new stations in the cities of Glendors, San Dimas, La Verne, Pomona, Claremont, and Montelair. This is to advise that the Metro Gold Line Foothill Extension Construction Authority □ Lead Agency □ Responsible Agency approved the above described project on March 6, 2013 and has made the following determinations regarding the above (Date) described project: 1. The project [ will not] have a significant effect on the environment. An Environmental Impact Report was prepared for this project pursuant to the provisions of CEQA.

A Mitigated Negative Declaration was prepared for this project pursuant to the provisions of CEQA. 3. Mitigation measures [ were were not] made a condition of the approval of the project. 4. A mitigation reporting or monitoring plan [ was a was not ] adopted for this project. 5. A Statement of Overriding Considerations [ was not] adopted for this project. 6. Findings [⊠were ☐were not] made pursuant to the provisions of CEQA. This is to certify that the final Environmental Impact Report with comments and responses and record of project approval is available to the General Public at: Metro Gold Line Foothill Extension Construction Authority, 406 E. Huntington Drive, Suite 202, Monrovia, CA 91016-3633.

Date Received for filing at OPR:

Signature (Public Agency)

Authority cited: Section 21083, Public Resources Code, Reference; Section 21000-21174, Public Resources Code.

### NOTICE

Each project applicant shall remit to the county clerk on or before filing a Notice of Determination (see Public Resources Code, Section 21152) the fee required under Fish and Game Code Section 711.4(d). Without the appropriate fee, statutory or categorical exemption, or a valid no effect determination form, issued by the California Department of Fish and Wildlife (CDFW), the notice of determination is not operative, vested, or final, and shall not be accepted by the clerk.

#### COLLECTION PROCEDURES FOR COUNTY GOVERNMENTS

- The original cash receipt is to be issued to a project applicant when payment is made in conjunction with filling a Notice of Determination. The second copy is to be submitted to the CDFW on a monthly basis. The remaining copies will be retained by the county (one for the lead agency and one for the county clerk).
- 2 For projects that are statutorily exempt or categorically exempt (Sections 15260-15285 or 15300-15333, Title 14, California Code of Regulations) and are filed with the county clerk, the cash receipt shall be completed and attached to the Notice of Exemption. No fee is due for statutorily exempt or categorically exempt projects.
- 3. For projects that the CDFW has found to have no effect, the cash receipt shall be completed, and attached to the Notice of Determination; it is mandatory that a copy of the CDFW No Effect Determination Form be attached to the Notice of Determination. If the project applicant does not have a No Effect Determination Form from CDFW, then the appropriate filing fee is due.
- 4. Within 30 days after the end of each month in which the filing fees are collected, each county will summarize and record the amount collected on the monthly State of California Form No. CA25 (TC31) and remit the amount collected to the State Treasurer.

Identify the remittance on the State of California Form No. CA25 (TC31) as "Environmental Document Filing Fees" per Fish and Game Code Section 711.4.

### DO NOT COMBINE THE ENVIRONMENTAL FEES WITH THE STATE SHARE OF FISH AND WILDLIFE FINES.

The following documents are to be mailed by the county clerk to CDFW on a monthly basis:

- (A) A photocopy of the monthly State of California Form No. CA25 (TC31);
- (B) CDFW/ASB copies of all cash receipts (including all voided receipts);
- (C) A copy of all CDFW No Effect Determinations filed in lieu of fee payment;
- (D) A copy of all Notices of Determination filed with the county during the preceding month; and
- (E) A list of the complete name, address and telephone number of all project applicants for which a Notice of Determination has been filed. If this information is contained on the cash receipt filed with CDFW under Section 753.5(e)(5), Title 14, CCR, no additional information is required.

#### Mail to:

California Department of Fish and Wildlife Accounting Services Branch 1416 Ninth Street, Box 944209 Sacramento, California 94244-2090

State of Carlofnia—Natural Resources Agency			
DEPARTMENT OF FISH AND WILDLIFE	RECEIPT#	1200E0	
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San Gernardino County			777
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PROJECTAPPLICANTADDRESS CITY 1	STATE	ZIP COD€	
406 E Huntington Drive Monrovia	I CA	1 -11010	***
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	\$2,995.25	5 8	
Environmental Impact Report (EIR)	\$2,156.25		**
Mitigated/Negative Declaration (ND)(MND)	\$850.00		
Application Fee Water Diversion (State Water Resources Control Board Only)	•		120
Projects Subject to Certified Regulatory Programs (CRP)	\$1,018.50		-
County Administrativo Fed	\$50,00	5 50.00	
Project that is exempt from fines	A. a		
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METRO GOLD LINE FOOTHILL EXTENSION-AZUSA TO	MONTÇLAIR			
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LISA LEVY BUCH	a confirmation of the conf	Therefore of the same of the same	(826) 305 7004	
ROJECTAPPLICANTACORESS 106 E. HUNTINGTON DRIVE STE, 202	MONROVIA	STATE	2PCODF 91016	
ROJECT APPLICANT (Check appropriate box)	E I MONTOVIA		T.1016	
Local Public Agency School District	Other Special Ostrict	State Agency	Private Entity	
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HECK APPLICABLE FEES:				
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Negative Declaration (ND)(MND)		\$2,156.25 \$	0.00	
Application Fee Water Diversion (State Water Resource.	s Control Source Only)	\$950.00 \$	3.30	
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<ul> <li>Projects Subject to Certified Regulatory Programs (CRP)</li> </ul>			for an expression of the contraction	
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### Exhibit E:

### **Scoping Memo Information for Applications**

A. Category (Check the category that is most appropriate)
Adjudicatory - "Adjudicatory" proceedings are: (1) enforcement investigations into possible violations of any provision of statutory law or order or rule of the Commission; and (2) complaints against regulated entities, including those complaints that challenge the accuracy of a
bill, but excluding those complaints that challenge the reasonableness of rates or charges, past, present, or future, such as <b>formal rough crossing complaints</b> (maximum 12 month process if hearings are required).
Ratesetting - "Ratesetting" proceedings are proceedings in which the Commission sets or investigates rates for a specifically named utility (or utilities) or establishes a mechanism that in turn sets the rates for a specifically named utility (or utilities). "Ratesetting" proceedings include complaints that challenge the reasonableness of rates or charges, past, present, or future. Other proceedings may also be categorized as ratesetting when they do not clearly fit into one category, such as railroad crossing applications (maximum 18-month process if hearings are required).
Quasi-legislative - "Quasi-legislative" proceedings are proceedings that establish policy or rules (including generic ratemaking policy or rules) affecting a class of regulated entities, including those proceedings in which the Commission investigates rates or practices for an entire regulated industry or class of entities within the industry.
B. Are hearings necessary?

If yes, identify the material disputed factual issues on which hearings should be held, and the general nature of the evidence to be introduced. Railroad crossing applications which are not controversial usually do not require hearings.

Are public witness hearings necessary?

Yes X No

Public witness hearings are set up for the purpose of getting input from the general public and any entity that will not be a party to the proceeding. Such input usually involves presenting written or oral statements to the presiding officer, not sworn testimony. Public witness statements are not subject to cross-examination.

**C. Issues** - List here the specific issues that need to be addressed in the proceeding.

None

**D. Schedule (Even if you checked "No" in B above)** Should the Commission decide to hold hearings, indicate here the proposed schedule for completing the proceeding within 12 months (if categorized as adjudicatory) or 18 months (if categorized as ratesetting or quasi-legislative).

The schedule should include proposed dates for the following events as needed:

30-days Protest Period – August 1, 2019 through September 1, 2019

4-months Proposed Decision – December 1, 2019

6-months Final Decision – February 1, 2019

If an unexpected hearing becomes necessary:

6-months Prehearing conference – February 1, 2019

9-months Hearings – May 1, 2020

12-months Briefs due – August 1, 2020

13-months Submission – September 1, 2020

16-months Proposed decision (90 days after submission) – December 1, 2020

18-months Final decision (60 days after proposed decision) – February 1, 2021